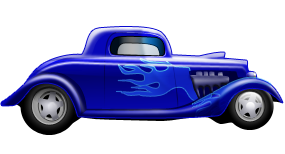
**Putting Robots to Work with Force & Friction Activity –   
Force & Friction Quiz** **– Answers**

1. What does the word “force” mean?
   1. A push
   2. A push or pull
   3. A pull
2. ***Use the image below to complete the next question.*** Using the ruler displayed, what is the length of the car shown to the nearest centimeter?
   1. 6 centimeters b. 7 centimeters c. 9 centimeters



1. Which of the following objects requires more force to move?
   1. A marble
   2. An elephant
   3. A basketball
2. What does friction do to a moving object?
   1. Slows the object down
   2. Speeds the object up
   3. No effect
3. How do engineers use models and experiments to produce better machines?

**Engineers use models and experiments to test their predictions and make sure the machines work.**